

4 image on a recording object by forming a jet of the
5 ink, said recording head unit comprising:
6 a nozzle for ejecting said jet;
7 a passage of ink provided in communication with said ink
8 nozzle for supplying said ink to said nozzle;
9 an energization part provided on said passage for
10 applying energy to said ink in said passage to form
11 said jet; and
12 an ink inlet formed in communication with said passage
13 for receiving said ink, said inlet including
14 therein filter means which is made from stainless
15 steel mesh for eliminating particles from said ink
16 supplied to said inlet; and
17 an ink reservoir unit for holding therein said ink, said
18 ink reservoir supplying said ink held therein to
19 said inlet of said recording head part, said ink
20 reservoir accommodating therein a material
21 infiltrated with said ink;
22 said recording head unit carrying thereon first
23 connection means as a part of said recording head
24 unit, for connecting said recording head unit to
25 said ink reservoir unit;
26 said ink reservoir unit carrying thereon second
27 connection means corresponding to said first
28 connection means as a part of said ink reservoir
29 unit, for connecting said ink reservoir unit to

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30 said recording head unit;
31 said first and second connection means being so formed
32 that said first and second connection means
33 establish, when said ink reservoir unit is mounted
34 upon said recording head unit, a detachable
35 engagement with each other in a manner, such that
36 said ink in said reservoir unit flows to said
37 passage in said recording head unit;
38 wherein said recording head further includes a carriage
39 member constructed so as to be mounted upon an
40 image recording apparatus for carrying thereon said
41 recording head unit and said reservoir unit
42 together in the state that said recording head unit
43 and said reservoir unit are connected with each
44 other detachably such that said reservoir unit
45 connected to said recording head unit is removable
46 therefrom, said carriage member having a
47 positioning part for determining a position of said
48 nozzle of said recording head unit with respect to
49 said carriage member.--

REMARKS

The application has been reviewed in light of the Office Action dated April 26, 1995. Claims 1 and 3-12 are pending in this application. By the present Amendment, claim 1 has been amended.

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